NOTES:

1. For additional details of Crash Cushion (Type ADIEM), refer to the manufacturer's installation instructions.
2. Crash Cushion (Type ADIEM) may be used at sites where the sides of the crash cushion would be exposed to opposing directions of travel (bidirectional traffic) or the same direction of travel (unidirectional traffic).
3. The crash cushion concrete base shall be placed on a smooth surface (pavement or well compacted soil base) on the same horizontal plane as the barrier or railing it is to be attached to.
4. Installation of the crash cushion concrete base shall be accomplished by driving the anchor rods in well compacted soil base or soft asphalt concrete or by driving the anchor rods in drilled holes in hard asphalt concrete or portland cement concrete. See Table A for the location and lengths of anchor rod to be used.
5. Attach the crash cushion to the barrier or railing by bolting the splice angle plates to the crash cushion and the barrier or railing.
6. Lubricate the crash cushion base track and slide the modules along the track to the positions shown.
7. Yellow retroreflective sheeting, as provided by the crash cushion manufacturer, shall be adhered to the first module facing approaching traffic. This sheeting shall be consistent with the design pattern and colors of a Type P object marker panel for unidirectional traffic and that of the Type R object marker panel for bidirectional traffic.
8. For the length and type of barrier or railing the crash cushion is to be attached to, see the Project Plans.

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER — Ellis K. Hirst

July 1, 2002
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Ellis K.Hirst — No. C17926 — Exp. 6-30-05 — CIVIL — STATE OF CALIFORNIA

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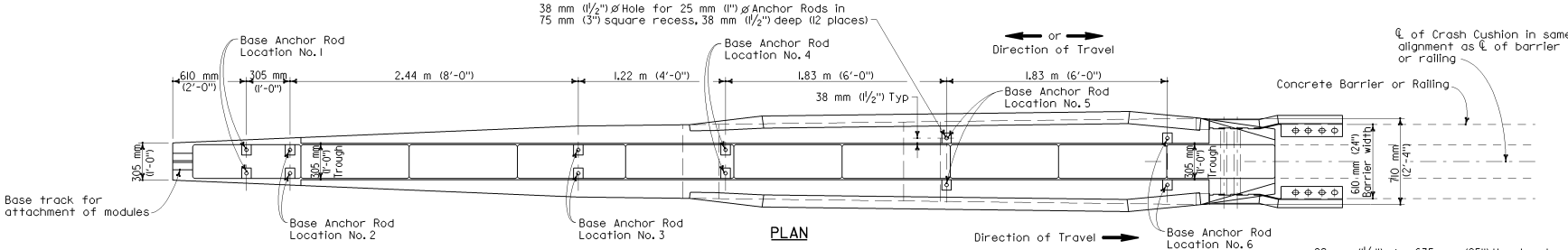

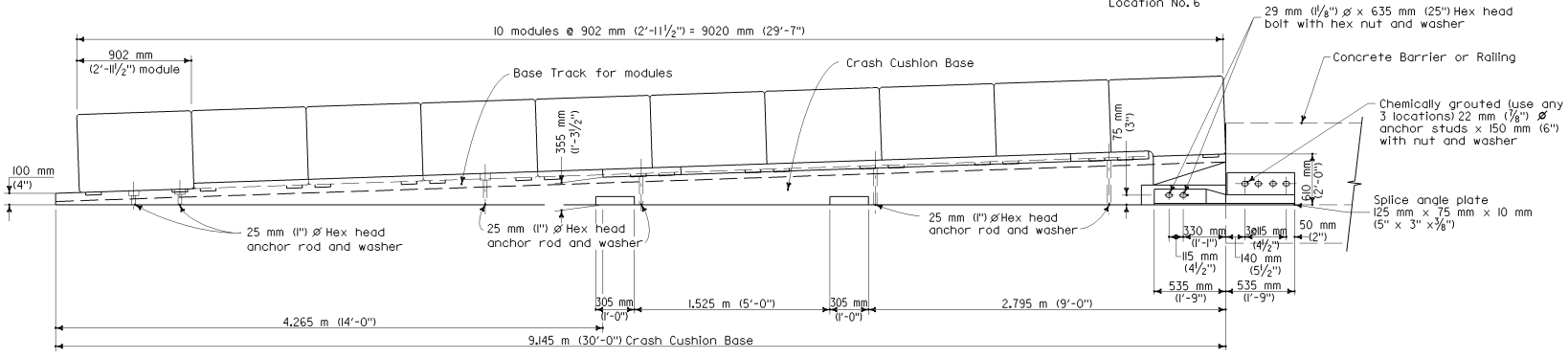

TABLE A

BASE ANCHOR RODS AND LOCATIONS	PORTLAND CEMENT CONCRETE PAVEMENT	ASPHALT CONCRETE PAVEMENT	WELL COMPACTED BASE
	Rod Length	Rod Length	Rod Length
2 at Location No. 1	455 mm (18")	610 mm (24")	760 mm (30")
2 at Location No. 2	455 mm (18")	610 mm (24")	760 mm (30")
2 at Location No. 3	610 mm (24")	760 mm (30")	915 mm (36")
2 at Location No. 4	610 mm (24")	760 mm (30")	915 mm (36")
2 at Location No. 5	915 mm (36")	1065 mm (46")	1220 mm (48")
2 at Location No. 6	915 mm (36")	1065 mm (46")	1220 mm (48")

ELEVATION

CRASH CUSHION (TYPE ADIEM)

See Note 3

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CRASH CUSHION (TYPE ADIEM)

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses ( ). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

A82B

2002 DUAL UNITS STD PLAN A82B